

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	397	(187/251).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/17 10:59
L2	375	(187/262).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/17 10:59
L3	433	(187/266).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/17 11:00
S1	224	gearless and elevator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/04 10:01
S2	7	((("0672781") or ("9943595") or ("0027739"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 08:03
S9	3	("3634859").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 10:27
S10	2	("4756388").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 10:27
S11	5	("4591025").PN. OR ("4756388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/08 11:56
S12	1333	(187/254,261,266,264,289).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 14:52
S13	561	(187/351,359,366,370).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 14:05
S14	9320	ratio and elevator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 12:03
S17	669	S14 and sheave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 12:21

S18	33	roping adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 12:22
S20	1333	(187/254,261,266,264,289).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/08 14:52
S21	18	S20 and (steel adj cable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:04
S22	12	elevator and (steel adj cable) and 1:1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/08 15:10
S23	5255	asynchronous adj motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:14
S24	61	S23 and elevator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/11 07:36
S25	437	(187/251,252).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/11 07:36
S26	2	("0056813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/11 09:47
S27	1333	(187/254,261,266,264,289).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/11 13:36
S28	5	S27 and (cable adj diameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/11 13:36
S29	133	asynchronous and synchronous and motor and elevator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:36
S30	187	asynchronous and synchronous and elevator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:36
S31	31	("3101130"   "4022010"   "4202164"   "4640179").PN. OR ("5566786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 13:07
S32	640	elevator and load and kg	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 13:07
S33	64	elevator same load same kg	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 13:08
S34	11	("1098845"   "1802759"   "3168287"   "4030569").PN. OR ("4591025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/14 07:41

S35	2	("5566786").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/20 15:09
S36	363	ratio same diameter same (cable or rope or cord) same (sheave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/21 09:43
S37	29411	"187"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/21 09:43
S38	35	"187"/\$.ccls. and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/21 09:48
S39	16	S37 and "D/d"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/21 09:59
S40	2	("4624097").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/21 09:59
S41	2	9943595A	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/21 15:55
S42	29637	"187"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/31 14:49
S43	471	S42 and mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2006/12/31 14:50
S44	160	S42 and mm and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2006/12/31 14:50
S47	293	(187/411).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/03 09:33
S48	2	("4591025").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/03 10:22
S49	410	aulanko.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 10:45

S50	67	aulanko.in. and "187"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 10:47
S51	34	aulanko.in. and "187"/\$.ccls. and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 10:52
S52	2	JP-09021084-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 10:54
S53	31	((("5490577") or ("6412264") or ("6199666") or ("6667110") or ("6601828") or ("6401871") or ("4022010") or ("4624097") or ("3822542") or ("5377786") or ("5429211") or ("6367587") or ("6443266"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/03 10:56
S54	13	S53 and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 10:57
S55	5	S53 and steel and mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 11:31
S58	1	WO-200246083-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 11:40
S60	29942	"187"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 11:40
S63	76	S60 and (steel same mm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 11:41
S64	3	("5429211").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/03 11:59

S65	42	(US-20040129501-\$ or US-20040016603-\$ or US-20040216958-\$ or US-20020046908-\$ or US-20030183458-\$ or US-20040016602-\$ or US-20030192743-\$).did. or (US-6488124-\$ or US-5837948-\$ or US-5665944-\$ or US-5566785-\$ or US-5469937-\$ or US-5435417-\$ or US-5429211-\$ or US-5573084-\$ or US-4756388-\$ or US-4030569-\$ or US-6860367-\$ or US-6626266-\$ or US-4591025-\$ or US-6619433-\$ or US-6364063-\$ or US-6491136-\$ or US-5566786-\$ or US-6868661-\$ or US-4624097-\$ or US-5299662-\$ or US-6412264-\$ or US-4022010-\$ or US-6667110-\$ or US-6364061-\$ or US-6386324-\$ or US-6390242-\$).did. or (US-6401871-\$ or US-6739433-\$ or US-6837340-\$ or US-7137483-\$).did. or (WO-2053486-\$).did. or (EP-468168-\$ or DE-3634859-\$ or WO-9943595-\$ or EP-1213250-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/10/03 12:01
S66	24	S65 and mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 12:02
S83	1	WO-3000581-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 14:52
S84	42	(US-20040129501-\$ or US-20040016603-\$ or US-20040216958-\$ or US-20020046908-\$ or US-20030183458-\$ or US-20040016602-\$ or US-20030192743-\$).did. or (US-6488124-\$ or US-5837948-\$ or US-5665944-\$ or US-5566785-\$ or US-5469937-\$ or US-5435417-\$ or US-5429211-\$ or US-5573084-\$ or US-4756388-\$ or US-4030569-\$ or US-6860367-\$ or US-6626266-\$ or US-4591025-\$ or US-6619433-\$ or US-6364063-\$ or US-6491136-\$ or US-5566786-\$ or US-6868661-\$ or US-4624097-\$ or US-5299662-\$ or US-6412264-\$ or US-4022010-\$ or US-6667110-\$ or US-6364061-\$ or US-6386324-\$ or US-6390242-\$).did. or (US-6401871-\$ or US-6739433-\$ or US-6837340-\$ or US-7137483-\$).did. or (WO-2053486-\$).did. or (EP-468168-\$ or DE-3634859-\$ or WO-9943595-\$ or EP-1213250-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/10/03 15:20
S85	8	S84 and (groove same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 15:22

S86	384	ratio same diameter same (cable or rope or cord) same (sheave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/03 15:22
S87	51	"187"/\$.ccls. and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/03 15:23
S88	12	S87 and (groove same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 15:23
S89	29929	"187"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/03 15:23
S90	151	S89 and (groove same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 15:23
S91	17	S89 and (groove same width) and mm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 15:28
S92	17	S89 and (groove same width) and inch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/10/03 15:28
S93	1	10/612334	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/04 10:01
S94	2	("4624097").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/07/23 14:11
S95	164	"187"/\$.ccls. and "steel cable"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/23 15:12
S96	2	("5651245").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/07/23 15:18
S97	100	"187"/\$.ccls. and "steel rope"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/23 15:41

S98	0	"steel rope" near "7 mm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/23 15:56
S99	0	"steel cable" near "7 mm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/23 15:56
S100	2	(steel adj (rope or cable)) and (diameter near "7 mm")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/23 15:57
S101	44	(steel adj (rope or cable)) and (diameter near "6 mm")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/07/23 15:57
S102	5	("4030569").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/07/23 16:14
S103	30511	"187"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/02/20 11:26
S104	20	S103 and "D/d ratio"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/02/20 11:26
S105	1	10/612334	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/02/20 11:48
S106	1	10/612334	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 14:11
S107	5	("4030569").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/08/16 14:26
S108	85	aulanko.in. and "187"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/08/16 14:44
S109	0	aulanko.in. and "187"/\$.ccls. and (plurality same carrier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/08/16 14:47

S110	25	aulanko.in. and "187"/\$.ccls. and plurality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/08/16 14:47
S111	2	sheave near rope near ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 15:19
S112	3248643	D/d ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 15:19
S113	1282	D/d near ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 15:19
S114	38	D/d near ratio and sheave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 15:19
S115	4	"187"/\$.ccls. and (undercut near width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 15:40
S116	241	2:1 and "187"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/16 18:09

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